

### **Presentation of Vital Statistics Data**

#### **Geographic Area**

The City and County of Honolulu is abbreviated as Honolulu County or Hon. County.

#### **Ethnicity**

Caucasian, as reported in the tables in the vital statistics section, excludes Portuguese. There is a separate category for people of Portuguese ancestry, except for marriages, where they are combined with Caucasian.

In all sections, the category "Hawaiian" also includes "Part-Hawaiian". Ethnicity is self-reported.

It should be noted that only one ethnicity is coded from the actual certificates. If more than one ethnicity is listed on the certificate, the following rules apply:

1. If Hawaiian is one of the multiple ethnicities listed, Part-Hawaiian is coded.
2. If a non-Caucasian ethnicity is listed with a Caucasian ethnicity, the non-Caucasian ethnicity is coded.
3. If there is more than one non-Caucasian ethnicity listed, the first one is coded.
4. If there is more than one Caucasian ethnicity listed, the first one is coded.

Ethnicity of the child is based on the ethnicity of the father. It is based on the ethnicity of the mother when the ethnicity of the father is unknown.

#### **Cause of Death**

The cause of death, as presented in the vital statistics section, is the underlying cause of death. All death certificates are coded according to rules developed by the National Center for Health Statistics using the International Classification of Diseases - 10th Edition. The rules are set to assist the coder in identifying the contributing as well as the underlying cause of death. The underlying cause may not be the immediate cause of death. Because of the change in coding in 1999, the cause of death data may not be exactly comparable to previous years'.

#### **Death Rates**

Death rates presented in the annual report, except where footnoted, are age-adjusted. Rates presented in annual reports prior to 1990, however, are crude rates.

#### **Symbols**

Whenever a table has many zero (0) entries, the symbol "-" is used instead of the "0". The symbol "-" is also used when an entry is not applicable.

### **Resident Population Estimates By County State of Hawai'i, 1999**

<b><u>County</u></b>	<b><u>Number</u></b>
Hawai'i	142,400
Honolulu	864,600
Kaua'i <u>a/</u>	56,500
Maui <u>b/</u>	122,000
State	1,185,500

Note: a/ Includes Ni'ihau.

b/ Includes Lana'i, Maui, Moloka'i

Source: The Department of Business, Economic Development and Tourism.

## GENERAL NOTES

### ICD-10 CODES FOR TABLES ON LEADING CAUSES OF DEATH

DISEASES:	CODES:
Human immunodeficiency virus (HIV) disease .....	B20-B24
Malignant neoplasms .....	C00-C97
Diabetes mellitus .....	E10-E14
Alzheimer's disease .....	G30
Diseases of heart .....	I00-I09,I11,I13,I20-I51
Essential (primary) hypertension & hypertensive renal disease .....	I10, I12
Cerebrovascular diseases .....	I60-I69
Atherosclerosis .....	I70
Other diseases of circulatory system.....	I71-I78
Influenza and pneumonia .....	J10-J18
Chronic lower respiratory diseases .....	J40-J47
Chronic liver disease and cirrhosis .....	K70,K73-K74
Nephritis, nephrotic syndrome and nephrosis .....	N00-N07,N17-N19,N25-N27
Certain conditions originating in the perinatal period .....	P00-P96
Congenital malformations, deformations & chromosomal abnormalities .....	Q00-Q99
Sudden infant death syndrome .....	R95
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (excluding Sudden infant death syndrome) .....	R00-R94,R96-R99
All other diseases (Residual) .....	A00-A09,A16-B19,B25-B99,D00-E07,E15-G25, G31-H93,I80-J06,J20-J39,J60-K22,K25-K66, K71-K72,K75-M99,N10-N15,N20-N23,N28-N98, O00-O99
Motor vehicle accidents .....	V02-V04,V09.0,V09.2,V12-V14,V19.0-V19.2, V19.4-V19.6,V20-V79,V80.3-V80.5,V81.0-V81.1, V82.0-V82.1,V83-V86,V87.0-V87.8,V88.0-V88.8, V89.0,V89.2
All other and unspecified accidents and adverse effects .....	V01,V05-V06,V09.1,V09.3-V09.9,V10-V11, V15-V18,V19.3,V19.8-V19.9,V80.0-V80.2, V80.6-V80.9,V81.2-V81.9,V82.2-V82.9,V87.9, V88.9,V89.1,V89.3,V89.9,V90-X59,Y40-Y86,Y88
Intentional self-harm (suicide) .....	X60-X84,Y87.0
Assault (homicide) .....	X85-Y09,Y87.1
All other external causes .....	Y10-Y36,Y87.2,Y89

### ICD-10 CODES FOR TABLES ON RESIDENT DEATH

DISEASES:	CODES:
Tuberculosis .....	A16-A19
Syphilis .....	A50-A53
Human immunodeficiency virus (HIV) disease .....	B20-B24
Malignant neoplasms .....	C00-C97
Malignant neoplasm of stomach .....	C16
Malignant neoplasms of colon, rectum and anus .....	C18-C21
Malignant neoplasm of pancreas .....	C25
Malignant neoplasms of trachea, bronchus and lung .....	C33-C34
Malignant neoplasm of breast .....	C50
Malignant neoplasms of cervix uteri, corpus uteri and ovary .....	C53-C56
Malignant neoplasm of prostate .....	C61
Malignant neoplasms of urinary tract.....	C64-C68
Non-Hodgkin's lymphoma .....	C82-C85
Leukemia .....	C91-C95
Other malignant neoplasms .....	C00-C15,C17,C22-C24,C26-C32,C37-C49, C51-C52,C57-C60,C62-C63,C69-C81,C88, C90,C96-C97
Diabetes mellitus .....	E10-E14
Alzheimer's disease .....	G30
Major cardiovascular diseases .....	I00-I78
Diseases of heart .....	I00-I09,I11,I13,I20-I51
Hypertensive heart disease with or without renal disease .....	I11,I13
Ischemic heart diseases .....	I20-I25
Other diseases of heart .....	I00-I09,I26-I51
Essential (primary) hypertension & hypertensive renal disease .....	I10,I12
Cerebrovascular diseases .....	I60-I69
Atherosclerosis .....	I70
Other diseases of circulatory system.....	I71-I78

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Chronic lower respiratory diseases .....	J40-J47
Peptic ulcer .....	K25-K28
Chronic liver disease and cirrhosis .....	K70,K73-K74
Nephritis, nephrotic syndrome and nephrosis .....	N00-N07,N17-N19,N25-N27
Pregnancy, childbirth and the puerperium.....	O00-O99
Certain conditions originating in the perinatal period.....	P00-P96
Congenital malformations, deformations & chromosomal abnormalities .....	Q00-Q99
Sudden infant death syndrome .....	R95
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (excluding Sudden infant death syndrome) .....	R00-R94,R96-R99
All other diseases (Residual) .....	A00-A09,A20-A49,A54-B19,B25-B99,D00-E07, E15-G25,G31-H93,I80-J06,J20-J39,J60-K22, K29-K66,K71-K72,K75-M99,N10-N15,N20-N23, N28-N98
Motor vehicle accidents .....	V02-V04,V09.0,V09.2,V12-V14,V19.0-V19.2, V19.4-V19.6,V20-V79,V80.3-V80.5,V81.0-V81.1, V82.0-V82.1,V83-V86,V87.0-V87.8,V88.0-V88.8, V89.0,V89.2
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Intentional self-harm (suicide) .....	X60-X84,Y87.0
Assault (homicide).....	X85-Y09,Y87.1
All other external causes .....	Y10-Y36,Y87.2,Y89

**ICD-10 CODES FOR TABLES ON DEATHS DUE TO MALIGNANT NEOPLASM**

<b>SITE OR TYPE OF NEOPLASM:</b>	<b>CODES:</b>
Lip, oral cavity and pharynx	
Of lip .....	C00
Of tongue .....	C01-C02
Of pharynx .....	C10-C13,C14.0
Of other and unspecified sites within the lip, oral cavity and pharynx .....	C03-C09,C14.2-C14.8
Digestive organs	
Of esophagus .....	C15
Of stomach .....	C16
Of small intestine .....	C17
Of colon, rectum and anus .....	C18-C21
Of liver and intrahepatic bile ducts .....	C22
Of gallbladder and extrahepatic bile ducts .....	C23-C24
Of pancreas .....	C25
Of other and ill-defined digestive organs .....	C26
Respiratory and intrathoracic organs	
Of nasal cavity, middle ear and accessory sinuses .....	C30-C31
Of larynx .....	C32
Of trachea, bronchus and lung.....	C33-C34
Of thymus, heart, mediastinum and pleura .....	C37-C38
Of other and ill-defined sites in respiratory system and intrathoracic organs .....	C39
Bone, Skin, Mesothelial and Soft Tissue, Breast	
Malignant neoplasms of bone and articular cartilage .....	C40-C41
Malignant melanoma of skin .....	C43
Other malignant neoplasms of skin .....	C44
Mesothelioma .....	C45
Kaposi's sarcoma .....	C46
Of other mesothelial and soft tissue .....	C47-C49
Malignant neoplasm of breast .....	C50
Male and Female genital organs	
Of vulva and vagina .....	C51-C52
Of cervix uteri .....	C53
Of corpus uteri and uterus, part unspecified .....	C54-C55
Of ovary .....	C56
Of other and unspecified female genital organs .....	C57
Of placenta .....	C58
Of prostate .....	C61

## GENERAL NOTES

### SITE OR TYPE OF NEOPLASM:

### CODES:

#### Male and Female genital organs (Continued)

Of testis .....C62  
Of penis and other and unspecified male genital organs .....C60,C63

#### Urinary tract

Of kidney and renal pelvis .....C64-C65  
Of bladder .....C67  
Of other and unspecified sites within the urinary tract.....C66,C68

#### Other and Unspecified Sites

Malignant neoplasm of eye and adnexa.....C69  
Of brain .....C71  
Of other parts of central nervous system.....C70,C72  
Malignant neoplasms of thyroid and other endocrine glands .....C73-C75  
Other malignant neoplasms of other and unspecified sites .....C76-C80,C97

#### Lymphoid, hematopoietic and related tissue

Hodgkin's disease .....C81  
Of other lymphoid, hematopoietic and related tissue .....C82-C85,C96  
Malignant immunoproliferative diseases .....C88  
Multiple myeloma and malignant plasma cell neoplasms .....C90  
Leukemia .....C91-C95